

Title (en)  
INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING SYSTEM, AND INFORMATION PROCESSING METHOD

Title (de)  
INFORMATIONSVERRARBEITUNGSVORRICHTUNG, INFORMATIONSVERRARBEITUNGSSYSTEM UND  
INFORMATIONSVERRARBEITUNGSVERFAHREN

Title (fr)  
DISPOSITIF DE TRAITEMENT D'INFORMATIONS, SYSTÈME DE TRAITEMENT D'INFORMATIONS ET PROCÉDÉ DE TRAITEMENT  
D'INFORMATIONS

Publication  
**EP 3422296 A1 20190102 (EN)**

Application  
**EP 17769766 A 20170221**

Priority  
• JP 2016058924 A 20160323  
• JP 2017006353 W 20170221

Abstract (en)  
In an information processing device 200, a photographed image acquiring unit 250 acquires an image which has been photographed by a camera attached to a head mount display 100. A region determining unit 254 predicts a region which a user gazes at in a display image. An image analyzing unit 258 has a first fineness processing unit 270 and a second fineness processing unit 272, with the former analyzing a region corresponding to the gaze region in the photographed image with a higher fineness than the latter. An information processing unit 260 performs information processing by using the result of analysis. An image generating unit 262 has a first fineness processing unit 274 and a second fineness processing unit 276, with the former generating a display image on the gaze region with a higher fineness than the latter. An output unit 264 sends data of the display image to the head mount display 100.

IPC 8 full level  
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CPC (source: EP KR US)  
**G02B 27/017** (2013.01 - KR); **G02B 27/0172** (2013.01 - EP); **G06F 3/005** (2013.01 - KR); **G06F 3/01** (2013.01 - EP);  
**G06F 3/012** (2013.01 - KR US); **G06F 3/013** (2013.01 - EP KR US); **G06F 3/147** (2013.01 - EP); **G06T 19/00** (2013.01 - EP);  
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**G02B 2027/014** (2013.01 - EP); **G06T 2219/2021** (2013.01 - US); **G09G 2340/0407** (2013.01 - EP KR)

Cited by  
WO2021113100A1; US11308698B2; US11544865B1

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